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APPLICATION NO.	APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/682,501		09/10/2001	Robert A. Dunlap	03-DV-7116	7906
23465	7590	11/22/2002			

JOHN S. BEULICK C/O ARMSTRONG TEASDALE, LLP ONE METROPOLITAN SQUARE SUITE 2600 ST LOUIS, MO 63102-2740

EX.	EXAMINER						
TAMA	TAMAI, KARL I						
ART UNIT	PAPER NUMBER						
2834							
DATE MAILED: 11/22/20							

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED S... (ES DEPARTMENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
01/682511			
·			EXAMINER
		·	Temai
			ART UNIT PAPER NUMBER
			2834
			DATE MAILED:
	INTE	RVIEW SUMMARY	
All participants (applicant, applicant	's representative, PTO perso	nnel):	
(1) Kar	(amri	(3)	1.0
(2)	Fitz ornald	(4)	
Date of Interview	113/102		
Type: Derephonic Personal	(conv is given to annic	ant applicant's representative)	
Exhibit anown or demonstration con	udcted. 2 les 2 les les les	es, bilei description.	
	/		
Agreement was reached.	as not reached.		
Claim(s) discussed:	(/ "		
Identification of prior art discussed:_	(romuel)	1	
Description of the general nature of	what was agreed to if an agr	reement was reached, or any other	comments: La comwello Space
Chearly is cir	counter entrally	extending noun	I the pipe are appeared
to inherently	crimo the F	sipe. Applicant	may tile an amendment
or RCE to trut	then delines is	nuntum Endrance	prosecution.
W 15 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -	- andar		
(A fuller description, if necessary, ar must be attached. Also, where no o attached.)	nd a copy of the amendment opy of the amendments which	s, if available, which the examiner a ch would render the claims allowable	agreed would render the claims allowable le is available, a summary thereof must be
It is not necessary for applicar	nt to provide a separate reco	ord of the substance of the interview	٨.
IS NOT WAIVED AND MUST INCLU	JDE THE SUBSTANCE OF T PLICANT IS GIVEN ONE MO	THE INTERVIEW. (See MPEP Sec	RESPONSE TO THE LAST OFFICE ACTION stion 713.04). If a response to the last Office INTE TO FILE A STATEMENT OF THE
 Since the Examiner's intervier rejections and requirements the is considered to fulfill the respondent interview unless box 1 about 	w summary above (including nat may be present in the las lonse requirements of the las ove is also checked.	any attachments) reflects a comple st Office action, and since the claim st Office action. Applicant is not reli	ele response to each the objections, s are negletifyerable, this completed form leved from reviding a separate record of
Examiner Note: You must sign this fo			· Ju Nh
			V

Manual of Patent Examining Procedure, Section 713.04 Substance of Interview must be Made of Record

A complete written statement as to the substance of any face-to-face or telephone interview with regard to an application <u>must be made of record in the application</u>, whether or not an agreement with the examiner was reached at the interview.

§1.133 Interviews

- (b) In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filled by the applicant. An interview does not remove the necessity for response to Office action as specified in §5, 1111-1136, 159, U.S.C. 1329.
- § 1.2. Business to be transacted in writing. All business with the Patent or Trademark Office should be transacted in writing. The personal altendance of applicants or their altomary or agent at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged and promise, stipulation, or understanding in relation to which there is disagreement or

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner is responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete a two-sheet carbon interleal Interview Summary Form for each intervew hold after January 1, 1978 where a matter of substance has each discussed force the interview Summary Form for each intervew hold after January 1, 1978 where a matter of substance has been discussed force the interview of the interview recordation is otherwise provided for in Section 812,01 of the Manual of Patent Examining Procedure, or pointing out prographical errors or unreadable is explicit in Office actions or the life, and excited from the interview procretation procedures

The Interview Summary Form shall be given an appropriate paper number, placed in the right hand portion of the file, and littled on the "Contents" filst on the file wrapper. The docket and serial register cards need not be updated to reflect interviews. In a packpril high right, the duplicate-body of the Form is removed and given to the applicant for attemper or separation of the interview, in the case of a deleptoric integrate, the oppy is malled to the applicant's correspondence address either with or prior to the next official communication. Il additional correspondence from the examined is got filely before an allowance or if other circumstances dictate, the Form about be mailed promptly after the telephonic interview rather than with the next official confirmational forms.

- The Form provides for recordation of the following information:
- Serial Number of the application
- Name of applicant
- Name of examine
- Date of interview
- Type of Interview (personal or telephonic)
- Name of participant(s)) (applicant, attorney or agent, etc.)
 An indication whether or not an exhibit was shown or a demonstration conducted.
- An identification of the claims discussed
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy
 of amendments or claims agreed as being allowable). (Agreements as to allowability are lentiative and go not restrict turther action by the examiner to the
 contrary.)
- The signature of the examiner who conducted the interview
- Names of other Patent and Trademark Office personnel present

) The Form also contains a statement reminding the applicant of his responsibility to record the substance of the interview.

It is desirable that the examiner orally invaried the applicant of his obligation to record the substance of the linestyine are not accessed to the properties of the linestyne are not accessed to the properties of the linestyne are not to the form, the decaminer should induce the examiner should induce to the form the decaminer of the properties of the decaminer should induce to the form the properties of the decaminer should induce the bottom of the properties of the decaminer should induce the bottom of the properties of the decaminer should induce the bottom of the properties of the decaminer should induce the bottom of the properties of the decaminer should induce the bottom of the properties of the decaminer should induce the bottom of the properties of the properties of the decaminer should be considered a complete and proper reportation of the history in light should be noted. However, that the interview summary Form with fig from the properties of the properties of the decaminer should be considered a complete and proper reportation of the history in light should be not the properties of the decaminer should be decamined as the properties of the decaminer should be decamined as the properties of the decaminer should be decamined as the properties of the properties of the properties of the properties of the decaminer should be decamined as the properties of the propert

or is supplemented by the application or the examiner so include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed.
- an identification of specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary

Form completed by the examiner.

5) a breat identification of the apareal thrust of the principal arguments presented to the examiner. The identification of arguments need not be lengthy or elaborate. A verballin or highly detailed description of the arguments is not required. The identification of the arguments is surfacinit if the general mature of the principal arguments in the interest of the arguments. But of the principal arguments is not created as a surfacinity that general mature of the principal arguments which the feel were or might be perseasable to the operations, the opplication may desire to emphasize on the first principal arguments which the feels were or might be perseasable to the operations.

6) a general indication of any other portinent matters discussed, and
7) if appropriate, the general results or outcome of the interview unless already described in the Interview Stimmary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete or accurate, the examiner will give the applicant one month from the frequency of the notifying letter or the remainder of any period for response, whichever is longer, to complete the response and thereby avoid abendomment of the application (37 CFR 1.1355c).

Examiner to Check for Accuracy

Applicant's suminary of what took place at the interview should be carefully checked to determine the accuracy of any argument or statement attributed to the examiner during the interview, it there is an inaccuracy and it bears directly on the question of patentability, it should be pointed out in the next Office letter. If the claims are allowable for directly appears or forcout, the examiner should earl at either stellar forth his or the revision of the statement stituted to thin. If the record is complete and accurate, the examiner should place the indication "interview record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.